

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS

1-8. (canceled)

9. (new) An actuator comprising:

a cylindrical body;

a piston adapted to slide relative to said body;

means for transmitting mechanical power to said piston; and

means for transmitting hydraulic power to said piston and adapted to act in parallel with said means for transmitting mechanical power,

said hydraulic power being supplied by a hydraulic energy reservoir connected to a single volume defined by a wall of the piston, a hydraulic circuit comprising a pipe being connected between said reservoir and said volume,

said hydraulic reservoir being adapted to recover hydraulic power,

said means for transmitting mechanical power comprising means for controlling the position of the piston and also means for locking the position of the piston.

10. (new) The actuator according to claim 9, wherein said means for transmitting mechanical power comprise a screw-and-nut system.

11. (new) The actuator according to claim 9, wherein the mechanical power is furnished by a coupled motor.

12. (new) The actuator according to claim 11, further comprising a control system for said motor for controlling the position of said piston.

13. (new) The actuator according to claim 10, wherein said screw-and-nut system is non-reversible.

14. (new) The actuator according to claim 13, wherein the screw-and-nut system includes a safety brake.

15. (new) The actuator according to claim 10, wherein said screw-and-nut system is reversible to enable the recovery of mechanical power.

16. (new) The actuator according to claim 9, wherein said hydraulic power is supplied by a hydropneumatic accumulator.

17. (new) The actuator according to claim 9, wherein said means for transmitting mechanical power and said means for transmitting hydraulic power are disposed coaxially.

18. (new) The actuator according to claim 9, wherein said means for transmitting hydraulic power surround said means for transmitting mechanical power.

19. (new) The actuator according to claim 9, further comprising a control and synchronization interface.

20. (new) A system comprising at least two actuators according to claim 9 and comprising a source of mechanical power supplying mechanical power to the actuators for their mechanical synchronization.

21. (new) A system comprising at least two actuators according to claim 9 and comprising a source of mechanical power associated to each actuator and a central control unit for the mechanical synchronization of the actuators.

22. (new) A system comprising at least two actuators according to claim 9 and comprising a common source of hydraulic power for the actuators.

23. (new) An actuator comprising:

a cylindrical body;

a piston slidable within said cylindrical body and having a wall defining a single volume;

a mechanical power transmission device that transmits mechanical power to said piston and controls a position of the piston and locks the position of the piston;

an hydraulic power transmission device that transmits hydraulic power to said piston and operates in parallel to said mechanical power transmission device;

an hydraulic power reservoir supplying said hydraulic power; and

an hydraulic circuit comprising a pipe connected between said hydraulic power reservoir and said single volume.

24. (new) The actuator as claimed in claim 23, further comprising a threaded rod within said piston and coaxial with a longitudinal axis of said piston.

25. (new) The actuator as claimed in claim 24, wherein the cylindrical body comprises an interior wall such that part of the piston is between an inner wall of the cylindrical body and the interior wall and another part of the piston is between the interior wall and the threaded rod.

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26. (new) The actuator as claimed in claim 25, wherein
the another part of the piston comprises a nut that engages said
threaded rod.
